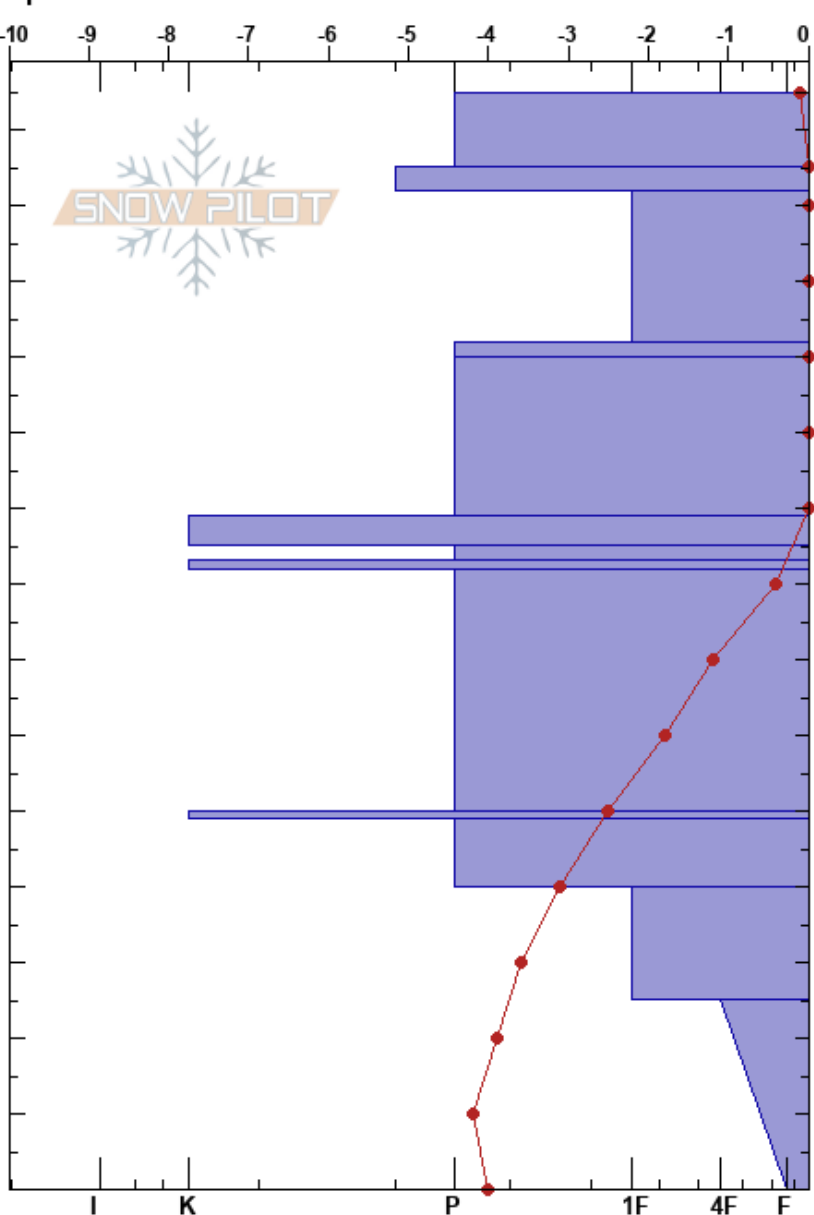


South Study Plot  
 Madison Range-N  
 MT  
 Elevation: 9020 ft  
 Aspect: 176°  
 Specifics:

Josh Lipkowitz  
 04/10/2023 - 8:40am  
 Co-ord: 45.22999N, -111.44238W  
 Slope Angle: 30°  
 Wind Loading: no

Stability: HS: 145 Layer Notes:  
 Air Temperature: 6.1°C PF: 5  
 Sky Cover: FEW  
 Precipitation: NO  
 Wind: SE Calm



| Elevation (m) | Crystal |      | Moisture | $\rho$ kg/m <sup>3</sup> | Stability tests & Layer comments |
|---------------|---------|------|----------|--------------------------|----------------------------------|
|               | Form    | Size |          |                          |                                  |
| 145           | ⊙⊙      |      |          |                          |                                  |
| 140           | ○       |      | D-M      | 270                      |                                  |
| 135           | ○       |      | D-M      | 350                      |                                  |
| 130           | ○       |      | D-M      | 350                      |                                  |
| 125           | ○       |      | D-M      | 345                      |                                  |
| 120           | ○       |      | D-M      | 345                      |                                  |
| 115           | ⊙⊙      |      | D-M      | 400                      |                                  |
| 110           | ○       |      | D-M      | 395                      |                                  |
| 105           | ○       |      | D-M      | 290                      |                                  |
| 100           | ○       |      | D-M      | 305                      |                                  |
| 95            | ■       |      | D-M      | 305                      |                                  |
| 90            | ○       |      | D-M      | 305                      |                                  |
| 85            | ■       |      | D-M      | 340                      |                                  |
| 80            | ○       |      | D        | 345                      |                                  |
| 75            | ○       |      | D        | 295                      |                                  |
| 70            | ○       |      | D        | 290                      |                                  |
| 65            | ○       |      | D        | 300                      |                                  |
| 60            | ○       |      | D        | 315                      |                                  |
| 55            | ■       |      | D        | 270                      |                                  |
| 50            | ⊕ ⊙⊙    | 2-3  | D        |                          |                                  |
| 45            | ⊕       | 2-3  | D        |                          |                                  |
| 40            | ⊕       | 2-3  | D        |                          |                                  |
| 35            | ⊕       | 2-3  | D        |                          |                                  |
| 30            | ⊕       | 2-3  | D        |                          |                                  |
| 25            | ⊕       | 2-3  | D        |                          |                                  |
| 20            | ⊕       | 2-3  | D        |                          |                                  |
| 15            | ⊕ (⊕)   | 2-4  | D        |                          |                                  |
| 10            | ⊕       | 2-4  | D        |                          |                                  |
| 5             | ⊕       | 2-4  | D        |                          |                                  |
| 0             | ⊕       | 2-4  | D        |                          |                                  |

Notes: